



18304 U.S. PTO

COMMISSIONER FOR PATENTS  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT APPLICATION  
Date: April 22, 2004  
File No. 1201.68291

16834 U.S. PTO  
10/829666

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): J. Gary Eden and Ju Gao

*I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

4-22-04

Date

Dail Aamen

Express Mail Label No.: EV032703632US

For: PHASE LOCKED MICRODISCHARGE ARRAY  
AND AC, RF OR PULSE EXCITED MICRODISCHARGE

Enclosed are:

- (X) 18 pages of specification, including 25 claims and an abstract.  
( ) an executed oath or declaration, with power of attorney.  
(X) an unexecuted oath or declaration, with power of attorney.  
( ) sheet(s) of informal drawing(s).  
(X) 4 sheet(s) of formal drawings(s).  
( ) Assignment(s) of the invention to \_\_\_\_\_ and Assignment Cover Sheet.  
( ) A check in the amount of \$ \_\_\_\_\_ to cover the fee for recording the assignment(s).  
( ) Information Disclosure Statement, Form PTO-1449 and cited references.  
( ) Claim for Priority and Priority Document.

Fee Calculation For Claims As Filed

a) Basic Fee						\$ 770.00
b) Independent Claims	4	-	3	=	1	x \$ 86.00 = \$ 86.00
c) Total Claims	25	-	20	=	5	x \$ 18.00 = \$ 90.00
d) Fee for Multiple Dependent Claims						\$ 290.00 = \$ _____

Total Filing Fee \$ 946.00

(X) Applicant(s) qualifies as a Small Entity, reducing Filing Fee by half to \$ 473.00

( ) A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

( ) Charge \$ \_\_\_\_\_ to Deposit Account No. 07-2069.

( ) Other \_\_\_\_\_

Respectfully submitted,

300 South Wacker Drive – Suite 2500  
Chicago, Illinois 60606  
Telephone: (312) 360-0080  
Facsimile: (312) 360-9315  
Customer Number 24978

K:\CJM\new forms\updTRANS-PAT.doc

GREER, BURNS &amp; CRAIN, LTD.

By:

Steven P. Fallon

Registration No. 35,132